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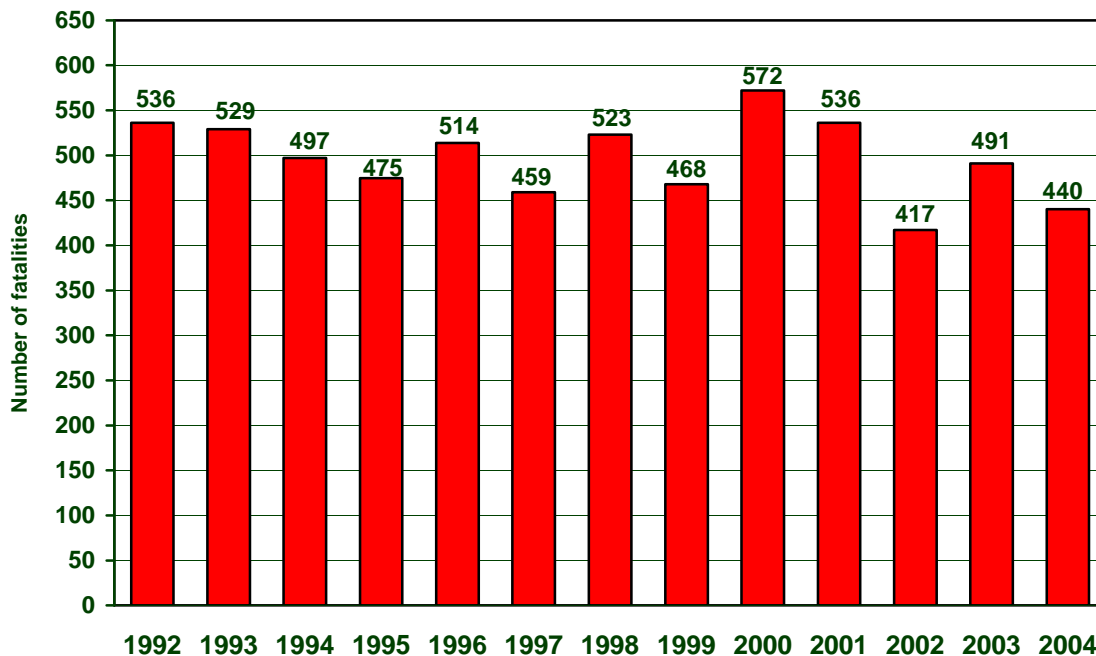
**For Release:**

**November 17, 2005**

**TEXAS WORKPLACE FATALITIES IN 2004**

A total of 440 fatal work injuries were recorded in Texas during 2004, a decrease of 10 percent from 2003, according to the Bureau of Labor Statistics of the U.S. Department of Labor. Regional Commissioner Stanley W. Suchman noted that this was the second lowest number of workplace fatalities registered in the State since 1992 when the Census of Fatal Occupational Injuries (CFOI) began. Nationally, the fatality count rose 2 percent over the year as 27 states reported higher numbers in 2004, more than offsetting those registering declines. The most frequent causes of Texas workplace fatalities were highway crashes (121), falls to a lower level (58), being struck by an object (49), and homicides (37); these four events<sup>1</sup> accounted for 60 percent of all workplace fatalities.

**Total work-related fatalities in Texas by year, 1992-2004**



<sup>1</sup> Fatal events are categorized into several major groupings including transportation incidents, assaults and violent acts, and falls. These major groups are further broken down into more detailed groups. For example, transportation incidents include highway incidents and aircraft incidents; assaults and violent acts include homicides and suicides; and falls include falls to a lower level (as from a roof or ladder) and falls on the same level.

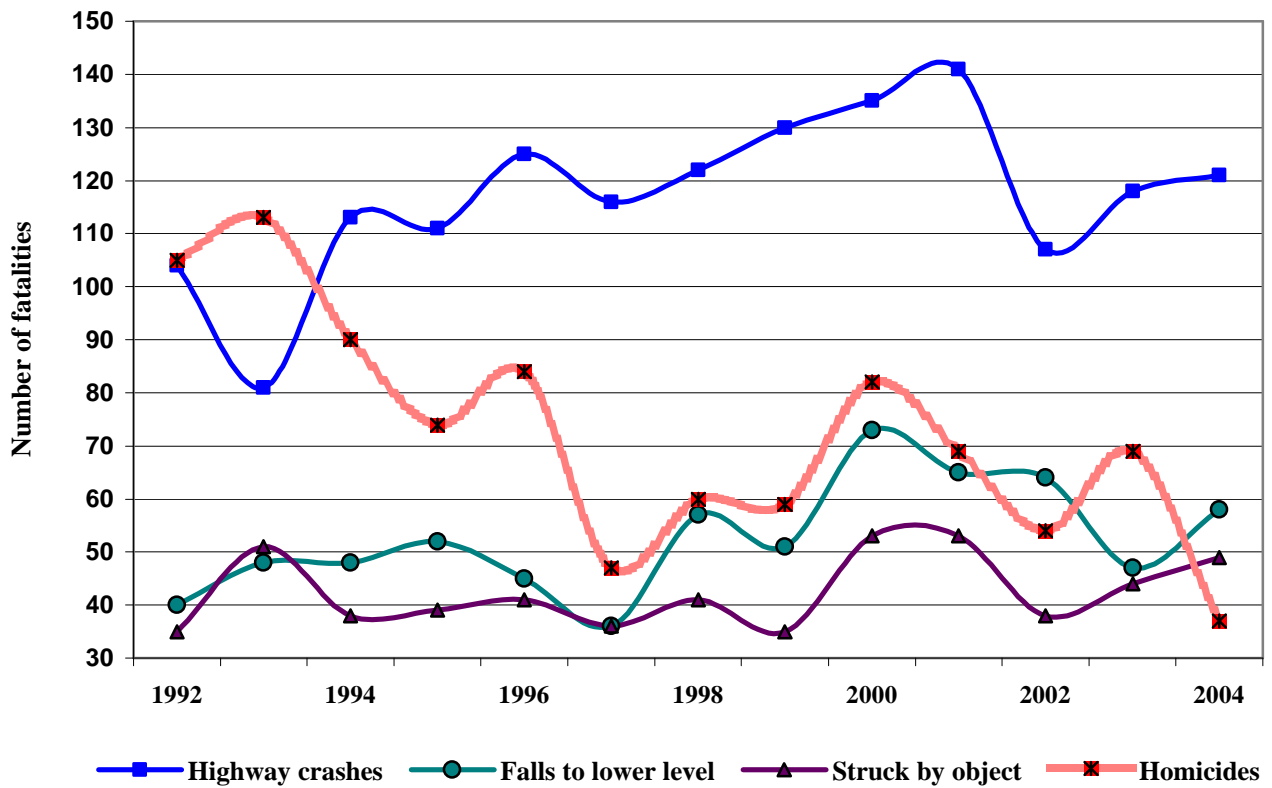
Highway crashes remained the leading cause of on-the-job fatal injuries for both the State and the nation. In Texas, highway crashes have led all other fatal events since 1994, while nationally it has led since the program's inception in 1992. The number of fatal injuries resulting from highway incidents in Texas increased by 3 percent from 2003 to 2004 and accounted for 28 percent of the statewide total. (See table A.)

Fatalities resulting from falls to a lower level showed the largest percentage increase among the four most frequent events. Work-related deaths resulting from a fall to a lower level increased by 23 percent in 2004; this followed a decline of 27 percent in 2003. Work-related fatalities due to these types of falls represented 13 percent of both the Texas and U.S. totals in 2004.

Occupational fatalities caused by being struck by an object rose 11 percent in the State between 2003 and 2004. This type of event accounted for 11 percent of work-related deaths in Texas, similar to the 10 percent recorded nationwide.

Homicides were the fourth-leading cause of occupational fatalities, accounting for 8 percent of on-the-job deaths in Texas and 10 percent nationally. The number of workplace homicides was down sharply in both the State and the nation in 2004. In Texas, the number of homicides declined by nearly one-half to the lowest level on record, 37. Work-related homicides in Texas peaked in 1993 when 113 deaths were recorded accounting for 21 percent of on-the-job fatalities.

**The four most frequent work-related fatal events in Texas, 1992-2004**



Other causes of workplace fatalities in Texas in 2004 were aircraft incidents (28), pedestrian incidents (23), contact with electric current (21), and fires and explosions (18). (See table 1.) The number of work-related deaths due to aircraft incidents was little changed — 29 in 2003 and 28 in 2004. In contrast, fatalities resulting from pedestrian incidents, electrocutions, and fires and explosions all fell sharply in 2004 recording declines of 28, 42, and 33 percent, respectively. All together, aircraft incidents, pedestrian incidents, electrocutions, and fires and explosions, were responsible for 20 percent of fatal work injuries in Texas in 2004, down from 25 percent in 2003.

Table A. Distribution of fatal occupational injuries in Texas by selected event, 1992-2004

Year	Total fatalities	Highway crashes		Falls to lower level		Struck by object		Homicides	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
1992	536	104	19	40	7	35	7	105	20
1993	529	81	15	48	9	51	10	113	21
1994	497	113	23	48	10	38	8	90	18
1995	475	111	23	52	11	39	8	74	16
1996	514	125	24	45	9	41	8	84	16
1997	459	116	25	36	8	36	8	47	10
1998	523	122	23	57	11	41	8	60	11
1999	468	130	28	51	11	35	7	59	13
2000	572	135	24	73	13	53	9	82	14
2001	536	141	26	65	12	53	10	69	13
2002	417	107	26	64	15	38	9	54	13
2003	491	118	24	47	10	44	9	69	14
2004	440	121	28	58	13	49	11	37	8

Nationwide, a total of 5,703 fatal work injuries were reported in 2004, an increase of 2 percent from the revised total of 5,575 fatalities reported for 2003. Despite the increase, the total for 2004 was the third lowest annual total recorded by the fatality census since its inception in 1992. (See table B.) Fatal highway crashes were up slightly in 2004 after declining the two previous years. The 1,374 deaths from highway crashes in 2004 represented about one out of every four fatal work injuries and continued to be the leading cause of on-the-job fatalities. Fatalities resulting from both falls to a lower level and being struck by an object represented the highest annual totals ever reported by the fatality census for these events. The number of work-related deaths from falls to a lower level increased from 604 in 2003 to 732 in 2004, while workplace fatalities resulting from being struck by an object were up from 531 in 2003 to 596 in 2004.

The number of workplace homicides recorded in the U.S. in 2004 dropped sharply from the number reported in 2003. The 551 workplace homicides in 2004 represented a 13-percent decline over the year and was the lowest annual total yet recorded by the fatality census. Overall, workplace homicides were down 49 percent from the high of 1,080 recorded in 1994 (excluding the 2,886 work-related homicides resulting from the terrorist attacks of September 11, 2001).

Table B. Distribution of fatal occupational injuries in the United States by selected event, 1992-2004

Year	Total fatalities	Highway crashes		Falls to lower level		Struck by object		Homicides	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
1992	6,217	1,158	19	507	8	557	9	1,044	17
1993	6,331	1,242	20	534	8	565	9	1,074	17
1994	6,632	1,343	20	580	9	591	9	1,080	16
1995	6,275	1,346	21	578	9	547	9	1,036	17
1996	6,202	1,346	22	610	10	582	9	927	15
1997	6,238	1,393	22	653	10	579	9	860	14
1998	6,055	1,442	24	625	10	520	9	714	12
1999	6,054	1,496	25	634	10	585	10	651	11
2000	5,920	1,365	23	659	11	571	10	677	11
2001 <sup>1</sup>	5,915	1,409	24	700	12	553	9	643	11
2002	5,534	1,373	25	638	12	505	9	609	11
2003 <sup>2</sup>	5,575	1,353	24	604	11	531	10	632	11
2004	5,703	1,374	24	732	13	596	10	551	10

<sup>1</sup> Totals for 2001 exclude fatalities due to the events of September 11, 2001 which claimed the lives of 2,886 persons in work status.

<sup>2</sup> The BLS news release issued September 22, 2004, reported a total of 5,559 fatal work injuries for calendar year 2003. Since then, an additional 16 job-related fatalities were identified, bringing the total job-related fatality count for 2003 to 5,575.

### **Key characteristics of fatal work injuries in Texas:**

- Men accounted for 93 percent (411) of the work-related fatalities in Texas. Transportation incidents, which include highway, nonhighway, pedestrian, air, water, and rail fatalities, accounted for 44 percent of these deaths and contact with objects and equipment made up 19 percent. Twenty-nine women were fatally injured on-the-job; the most prevalent causes of death for women were transportation incidents and assaults and violent acts, accounting for 52 and 34 percent, respectively. (See table 2.)
- In Texas, 54 percent of those who died from a workplace injury were non-Hispanic whites; 34 percent were Hispanics or Latinos; and 9 percent were non-Hispanic blacks. The primary cause of death for all three demographic groups was transportation incidents. (See table 2.)
- Workers 25-54 years old — the prime working age group — made up 70 percent or 307 of the State's work-related fatalities in 2004. (See table 2.)
- Seventy-six percent of workers killed on-the-job in Texas worked for wages and salaries, while the remainder was self-employed. Both wage and salary and self-employed workers died primarily from transportation incidents. (See table 2.)
- Two industry sectors made up 40 percent of workplace fatalities in the State — construction recorded 114 deaths and transportation and warehousing, 62. Falls and transportation incidents contributed nearly equally to the work-related deaths in the construction sector (36 and 34, respectively). Transportation incidents were by far the leading cause of workplace fatalities in transportation and warehousing accounting for three-fourths of the sector's fatal injuries. (See table 3.)

— From an occupational perspective, construction and extractive jobs had the highest number of fatalities at 122, followed closely by transportation and material moving jobs at 121; combined, these two occupational groups accounted for 55 percent of all work-related fatalities in Texas. While transportation incidents were the primary cause of fatalities in construction and extraction jobs (37), contact with objects and equipment (34) as well as falls (33) also contributed substantial numbers. Within transportation and material moving occupations, transportation incidents accounted for more than two-thirds of all fatal injuries. (See table 4.)

Additional Census of Fatal Occupational Injuries data are available on the BLS Internet site at <http://www.bls.gov/iif/oshcfoi1.htm>. Data can be accessed in a number of ways. Selected current and historical information is available in PDF format. Detailed data may be accessed through the online query system located at <http://data.bls.gov/PDQ/outside.jsp?survey=fi> or via an extensive collection of flat text files. The Southwest Information Office can provide assistance accessing any of these files by calling (214) 767-6970.

## **TECHNICAL NOTE**

### **Background of the program**

The Census of Fatal Occupational Injuries, part of the BLS occupational safety and health statistics program, provides a complete count of fatal work injuries available. The program uses diverse state and federal data sources to identify, verify, and profile fatal work injuries. Information about each workplace fatality (occupation and other worker characteristics, equipment being used, and circumstances of the event) is obtained by cross-referencing source documents, such as death certificates, workers' compensation records, and reports to federal and state agencies. This method assures counts are as complete and accurate as possible.

### **Definitions**

For a fatality to be included in the census, the decedent must have been employed (that is working for pay, compensation, or profit) at the time of the event, engaged in a legal work activity, or present at the site of the incident as a requirement of his or her job. These criteria are generally broader than those used by federal and state agencies administering specific laws and regulations. (Fatalities that occur during a person's commute to or from work are excluded from the census counts.)

Data presented in this release include deaths occurring in 2004 that resulted from traumatic occupational injuries. An injury is defined as any intentional or unintentional wound or damage to the body resulting from acute exposure to energy, such as heat, electricity, or kinetic energy from a crash, or from the absence of such essentials as heat or oxygen caused by a specific event, incident, or series of events within a single workday or shift. Included are open wounds, intracranial and internal injuries, heatstroke, hypothermia, asphyxiation, acute poisonings resulting from short-term exposures limited to the worker's shift, suicides and homicides, and work injuries listed as underlying or contributory causes of death.

Information on work-related fatal illnesses is not reported in the BLS census and is excluded from the attached tables because the latency period of many occupational illnesses and the difficulty of linking illnesses to work exposures make identification of a universe problematic.

## Measurement techniques and limitations

Data for the Census of Fatal Occupational Injuries are compiled from various federal, state, and local administrative sources--including death certificates, workers' compensation reports and claims, reports to various regulatory agencies, medical examiner reports, and police reports--as well as news and other non-governmental reports. Diverse sources are used because studies have shown that no single source captures all job-related fatalities. Source documents are matched so that each fatality is counted only once. To ensure that a fatality occurred while the decedent was at work, information is verified from two or more independent source documents or from a source document and a follow-up questionnaire. Approximately 30 data elements are collected, coded, and tabulated, including information about the worker, the fatal incident, and the machinery or equipment involved.

## Federal/State agency coverage

The Census of Fatal Occupational Injuries includes data for all fatal work injuries, whether the decedent was working in a job covered by the Occupational Safety and Health Administration (OSHA) or other federal or state agencies or are outside the scope of regulatory coverage. Thus, any comparison between the BLS fatality census counts and those released by other agencies should take into account the different coverage requirements and definitions being used by each agency.

Several federal and state agencies have jurisdiction over workplace safety and health. OSHA and affiliated agencies in states with approved safety programs cover the largest portion of the nation's workers. However, injuries and illnesses occurring in certain industries or activities, such as coal, metal, and nonmetal mining and highway, water, rail, and air transportation, are excluded from OSHA coverage because they are covered by other federal agencies, such as the Mine Safety and Health Administration and various agencies within the Department of Transportation.

Fatalities occurring among several other groups of workers are generally not covered by any federal or state agencies. These groups include self-employed and unpaid family workers, which accounted for about 20 percent of the nation's fatalities; laborers on small farms, accounting for about 1 percent; and state and local government employees in states without OSHA-approved safety programs, which accounted for about 4 percent. (Approximately one-half of the states have approved OSHA safety programs, which cover state and local government employees.)

## Acknowledgments

BLS thanks the Texas Department of Insurance's Division of Workers Health and Safety for their efforts in collecting accurate, comprehensive, and useful data on fatal work injuries. BLS also appreciates the efforts of all federal, state, local, and private sector agencies that submitted source documents used to identify fatal work injuries. Among these agencies are the Occupational Safety and Health Administration; the National Transportation Safety Board; the U.S. Coast Guard; the Mine Safety and Health Administration; the Employment Standards Administration (Federal Employees' Compensation and Longshore and Harbor Workers' divisions); the Department of Energy; state vital statistics registrars, coroners, and medical examiners; state departments of health, labor and industries, and workers' compensation agencies; state and local police departments; and state farm bureaus.

**TABLE 1. Fatal occupational injuries by event or exposure and major private industry <sup>1</sup> sector, Texas, 2004**

Event or exposure <sup>2</sup>	Total fatalities (number)	Goods producing				Service providing							
		Total goods producing	Natural resources and mining <sup>3</sup>	Construction	Manufacturing	Total service providing	Trade, transportation, and utilities	Information	Financial activities	Professional and business services	Education and health services	Leisure and hospitality	Other services
Total.....	440	204	56	114	34	193	113	5	12	34	7	9	13
Contact with objects and equipment.....	77	54	15	29	10	22	14	--	--	4	--	--	3
Struck by object.....	49	30	10	13	7	18	11	--	--	3	--	--	3
Struck by falling object.....	32	19	6	10	3	13	9	--	--	--	--	--	--
Struck by rolling, sliding objects on floor or ground level.....	8	3	--	--	--	4	--	--	--	--	--	--	--
Struck by object, n.e.c.....	5	5	--	--	--	--	--	--	--	--	--	--	--
Caught in or compressed by equipment or objects..	15	12	4	5	3	3	--	--	--	--	--	--	--
Caught in running equipment or machinery.....	8	5	3	--	--	3	--	--	--	--	--	--	--
Compressed or pinched by rolling, sliding, or shifting objects.....	5	5	--	3	--	--	--	--	--	--	--	--	--
Caught in or crushed in collapsing materials.....	13	12	--	11	--	--	--	--	--	--	--	--	--
Excavation or trenching cave-in.....	6	6	--	6	--	--	--	--	--	--	--	--	--
Caught in or crushed in collapsing structure.....	5	5	--	4	--	--	--	--	--	--	--	--	--
Falls.....	61	44	3	36	5	16	6	--	--	6	--	--	--
Fall to lower level.....	58	43	3	35	5	15	6	--	--	6	--	--	--
Fall from ladder.....	9	6	--	5	--	3	--	--	--	--	--	--	--
Fall from roof.....	12	11	--	11	--	--	--	--	--	--	--	--	--
Fall from roof, unspecified.....	3	3	--	3	--	--	--	--	--	--	--	--	--
Fall from roof edge.....	4	3	--	3	--	--	--	--	--	--	--	--	--
Fall from scaffold, staging.....	9	8	--	6	--	--	--	--	--	--	--	--	--
Fall from nonmoving vehicle.....	8	5	--	4	--	3	3	--	--	--	--	--	--
Fall to lower level, n.e.c.....	13	8	--	5	--	5	3	--	--	--	--	--	--
Fall on same level.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Exposure to harmful substances or environments.....	35	23	5	14	4	11	--	--	--	7	--	--	--
Contact with electric current.....	21	17	3	11	3	4	--	--	--	--	--	--	--
Contact with wiring, transformers, or other electrical components.....	9	9	--	7	--	--	--	--	--	--	--	--	--
Contact with overhead power lines.....	7	3	--	--	--	4	--	--	--	--	--	--	--
Contact with temperature extremes.....	6	3	--	--	--	3	--	--	--	3	--	--	--
Exposure to environmental heat.....	5	--	--	--	--	3	--	--	--	3	--	--	--
Exposure to caustic, noxious, or allergenic substances.....	5	--	--	--	--	4	--	--	--	--	--	--	--
Injections, stings, venomous bites.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen deficiency, n.e.c.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Drowning, submersion.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Transportation accidents.....	194	65	24	34	7	98	70	--	3	13	5	4	--
Highway accident.....	121	37	10	24	3	68	50	--	--	7	--	4	--
Collision between vehicles, mobile equipment..	71	21	5	13	3	36	24	--	--	6	--	3	--
Moving in same direction.....	10	--	--	--	--	9	6	--	--	--	--	--	--
Moving in opposite directions, oncoming.....	33	11	--	8	--	16	10	--	--	--	--	--	--
Moving in intersection.....	20	7	3	4	--	7	4	--	--	--	--	--	--
Moving and standing vehicle, mobile equipment--in roadway.....	5	3	--	--	--	--	--	--	--	--	--	--	--
Vehicle struck stationary object, equipment on side of road.....	21	5	3	--	--	15	14	--	--	--	--	--	--
Noncollision accident.....	27	10	--	8	--	16	11	--	--	--	--	--	--
Jack-knifed or overturned--no collision.....	23	8	--	6	--	15	10	--	--	--	--	--	--
Nonhighway accident, except rail, air, water.....	12	7	3	4	--	4	3	--	--	--	--	--	--
Noncollision accident.....	10	7	3	4	--	--	--	--	--	--	--	--	--
Fell from and struck by vehicle, mobile equipment.....	4	4	--	--	--	--	--	--	--	--	--	--	--
Overturned.....	6	3	--	--	--	--	--	--	--	--	--	--	--
Pedestrian, nonpassenger struck by vehicle, mobile equipment.....	23	6	--	5	--	14	8	--	--	5	--	--	--
Pedestrian struck by vehicle, mobile equipment in roadway.....	10	4	--	4	--	4	--	--	--	--	--	--	--
Pedestrian struck by vehicle, mobile equipment on side of road.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Pedestrian struck by vehicle, mobile equipment in parking lot or non-roadway area..	9	--	--	--	--	8	5	--	--	--	--	--	--
Railway accident.....	4	--	--	--	--	4	4	--	--	--	--	--	--
Water vehicle accident.....	6	4	3	--	--	--	--	--	--	--	--	--	--
Fall from ship, boat, n.e.c.....	3	3	3	--	--	--	--	--	--	--	--	--	--
Aircraft accident.....	28	11	8	--	--	8	5	--	--	--	3	--	--
Aircraft accident, n.e.c.....	26	11	8	--	--	6	4	--	--	--	--	--	--
Fires and explosions.....	18	10	5	--	4	7	5	--	--	--	--	--	--
Fire--unintended or uncontrolled.....	7	4	--	--	--	--	--	--	--	--	--	--	--
Fire in residence, building, or other structure.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Fire, n.e.c.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Explosion.....	11	6	3	--	--	5	5	--	--	--	--	--	--
Explosion of pressure vessel or piping.....	9	5	3	--	--	4	4	--	--	--	--	--	--
Assaults and violent acts.....	54	7	4	--	3	39	16	--	6	4	--	4	8
Assaults and violent acts by person(s).....	37	--	--	--	--	30	14	--	6	--	--	3	5
Shooting.....	31	--	--	--	--	26	13	--	5	--	--	3	4
Stabbing.....	3	--	--	--	--	3	--	--	--	--	--	--	--
Assaults and violent acts by person(s), n.e.c.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Self-inflicted injury.....	14	3	--	--	--	9	--	--	--	3	--	--	3
Suicide, attempted suicide.....	14	3	--	--	--	9	--	--	--	3	--	--	3
Assaults by animals.....	3	3	3	--	--	--	--	--	--	--	--	--	--
Assaults by animals, n.e.c.....	3	3	3	--	--	--	--	--	--	--	--	--	--

<sup>1</sup> Classified according to the North American Industry Classification System, 2002.

<sup>2</sup> Based on the 1992 BLS Occupational Injury and Illness Classification Manual.

<sup>3</sup> Includes fatalities at all establishments categorized as Mining (Sector 21) in the North American Industry Classification System, 2002, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.

NOTE: Totals for major categories may include subcategories not shown separately. Dashes indicate no data reported or data that do not meet publication criteria. n.e.c. means "not elsewhere classified." Data for 2004 are preliminary.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with State and Federal agencies, Census of Fatal Occupational Injuries

**Table 2. Fatal occupational injuries by worker characteristics and event or exposure, Texas, 2004**

Worker characteristics	Total fatalities (number)	Event or exposure <sup>1</sup>					
		Transportation incidents <sup>2</sup>	Assaults and violent acts <sup>3</sup>	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environ- ments	Fires and explosions
Total.....	440	194	54	77	61	35	18
<b>Employee Status</b>							
Wage and Salary Workers <sup>4</sup> .....	334	157	35	62	36	28	15
Self-employed <sup>5</sup> .....	106	37	19	15	25	7	3
<b>Sex</b>							
Men.....	411	179	44	77	59	35	17
Women.....	29	15	10	--	--	--	--
<b>Age</b>							
Under 16 years.....	--	--	--	--	--	--	--
16 to 17 years.....	--	--	--	--	--	--	--
18 to 19 years.....	3	--	--	--	--	--	--
20 to 24 years.....	49	16	3	9	6	12	3
25 to 34 years.....	106	52	14	12	13	10	5
35 to 44 years.....	101	48	8	15	18	7	5
45 to 54 years.....	100	45	15	22	11	3	4
55 to 64 years.....	47	16	10	9	9	--	--
65 years and over.....	31	14	4	8	4	--	--
<b>Race or Ethnic Origin<sup>6</sup></b>							
White, non-Hispanic.....	236	117	26	32	27	23	10
Black, non-Hispanic.....	40	19	5	5	4	--	5
Hispanic or Latino.....	150	55	12	40	30	10	3
American Indian or Alaska Native.....	--	--	--	--	--	--	--
Asian.....	13	3	10	--	--	--	--
Native Hawaiian or Pacific Islander.....	--	--	--	--	--	--	--

<sup>1</sup> Based on the 1992 BLS Occupational Injury and Illness Classification Manual.

<sup>2</sup> Includes highway, nonhighway, air, water, rail fatalities, and fatalities resulting from being struck by a vehicle.

<sup>3</sup> Includes violence by persons, self-inflicted injury, and attacks by animals.

<sup>4</sup> May include volunteers and workers receiving other types of compensation.

<sup>5</sup> Includes self-employed workers, owners of unincorporated businesses and farms, paid and unpaid family workers, and may include some owners of incorporated businesses or members of partnerships.

<sup>6</sup> Persons identified as Hispanic or Latino may be of any race. The race

categories shown exclude data for Hispanics and Latinos.

NOTE: Totals for major categories may include subcategories not shown separately. Dashes indicate no data reported or data that do not meet publication criteria. Data for 2004 are preliminary.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with State and Federal agencies, Census of Fatal Occupational Injuries



TABLE 3. Fatal occupational injuries by industry and event or exposure, Texas, 2004

Industry <sup>1</sup>	NAICS code <sup>1</sup>	Total fatalities (number)	Event or exposure <sup>2</sup>					
			Transportation incidents <sup>3</sup>	Assaults and violent acts <sup>4</sup>	Contact with objects and equipment	Falls	Exposure to harmful substances or environments	Fires and explosions
<b>Total.....</b>		440	194	54	77	61	35	18
<b>Private Industry.....</b>		397	163	46	76	60	34	17
<b>Goods Producing.....</b>		204	65	7	54	44	23	10
<b>Natural Resources and Mining.....</b>		56	24	4	15	3	5	5
<b>Agriculture, Forestry, Fishing and Hunting.....</b>	11	20	9	3	4	--	--	--
Crop Production.....	111	7	3	--	--	--	--	--
Other Crop Farming.....	1119	6	3	--	--	--	--	--
Cotton Farming.....	11192	3	--	--	--	--	--	--
Animal Production.....	112	5	--	--	--	--	--	--
Cattle Ranching and Farming.....	1121	4	--	--	--	--	--	--
Beef Cattle Ranching and Farming, including Feedlots.....	11211	4	--	--	--	--	--	--
Beef Cattle Ranching and Farming.....	112111	3	--	--	--	--	--	--
Support Activities for Agriculture and Forestry.....	115	4	--	--	--	--	--	--
<b>Mining<sup>5</sup>.....</b>	21	36	15	--	11	--	3	4
Oil and Gas Extraction.....	211	13	9	--	--	--	--	--
Oil and Gas Extraction.....	2111	13	9	--	--	--	--	--
Oil and Gas Extraction.....	21111	13	9	--	--	--	--	--
Crude Petroleum and Natural Gas Extraction.....	211111	6	--	--	--	--	--	--
Support Activities for Mining.....	213	22	6	--	8	--	--	3
Support Activities for Mining.....	2131	22	6	--	8	--	--	3
Support Activities for Mining.....	21311	22	6	--	8	--	--	3
Drilling Oil and Gas Wells.....	213111	10	--	--	5	--	--	--
Support Activities for Oil and Gas Operations.....	213112	11	5	--	3	--	--	3
<b>Construction.....</b>	23	114	34	--	29	36	14	--
<b>Construction.....</b>	23	114	34	--	29	36	14	--
Construction of buildings.....	236	8	4	--	--	--	--	--
Residential Building Construction.....	2361	3	--	--	--	--	--	--
Residential Building Construction.....	23611	3	--	--	--	--	--	--
Nonresidential Building Construction.....	2362	5	--	--	--	--	--	--
Heavy and Civil Engineering Construction.....	237	30	12	--	14	--	4	--
Utility System Construction.....	2371	15	4	--	8	--	3	--
Water and Sewer Line and Related Structures Construction.....	23711	9	--	--	5	--	--	--
Oil and Gas Pipeline and Related Structures Construction.....	23712	3	--	--	--	--	--	--
Highway, Street, and Bridge Construction.....	2373	11	7	--	4	--	--	--
Highway, Street, and Bridge Construction.....	23731	11	7	--	4	--	--	--
Other Heavy and Civil Engineering Construction.....	2379	4	--	--	--	--	--	--
Other Heavy and Civil Engineering Construction.....	23799	4	--	--	--	--	--	--
Specialty Trade Contractors.....	238	76	18	--	14	34	9	--
Foundation, Structure, and Building Exterior Contractors.....	2381	34	7	--	8	17	--	--
Poured Concrete Foundation and Structure contractors.....	23811	4	--	--	3	--	--	--
Structural Steel and Precast Concrete Contractors.....	23812	4	--	--	--	3	--	--
Nonresidential Structural Steel and Precast Concrete Contractors.....	238122	4	--	--	--	3	--	--
Framing Contractors.....	23813	4	--	--	--	4	--	--
Residential Framing Contractors.....	238131	4	--	--	--	4	--	--
Masonry Contractors.....	23814	5	--	--	3	--	--	--
Roofing Contractors.....	23816	14	6	--	--	7	--	--
Residential Roofing Contractors.....	238161	5	--	--	--	4	--	--
Nonresidential Roofing Contractors.....	238162	9	5	--	--	3	--	--
Building Equipment Contractors.....	2382	21	3	--	3	7	8	--
Electrical Contractors.....	23821	14	--	--	--	5	7	--
Residential Electrical Contractors.....	238211	3	--	--	--	--	--	--
Nonresidential Electrical Contractors.....	238212	11	--	--	--	4	5	--
Plumbing, Heating, and Air-Conditioning Contractors.....	23822	5	--	--	--	--	--	--
Nonresidential Plumbing, Heating, and Air-Conditioning Contractors.....	238222	4	--	--	--	--	--	--
Building Finishing Contractors.....	2383	14	3	--	3	8	--	--
Drywall and Insulation Contractors.....	23831	5	--	--	--	4	--	--
Nonresidential Drywall and Insulation Contractors.....	238312	4	--	--	--	3	--	--
Painting and Wall Covering Contractors.....	23832	8	--	--	3	4	--	--
Residential Painting and Wall Covering Contractors.....	238321	3	--	--	--	--	--	--
Nonresidential Painting and Wall Covering Contractors.....	238322	5	--	--	--	3	--	--
Other Specialty Trade Contractors.....	2389	7	5	--	--	--	--	--
Site Preparation Contractors.....	23891	4	3	--	--	--	--	--
All Other Special Trade Contractors.....	23899	3	--	--	--	--	--	--
<b>Manufacturing.....</b>	31-33	34	7	3	10	5	4	4
<b>Manufacturing.....</b>	31-33	34	7	3	10	5	4	4
Food Manufacturing.....	311	4	--	--	--	--	--	--
Wood Product Manufacturing.....	321	4	--	--	--	--	--	--
Plastics and Rubber Products Manufacturing.....	326	3	--	--	--	--	--	--
Fabricated Metal Product Manufacturing.....	332	7	--	--	--	--	--	--
<b>Service providing.....</b>		193	98	39	22	16	11	7
<b>Trade, Transportation, and Utilities.....</b>		113	70	16	14	6	--	5
<b>Wholesale Trade.....</b>	42	19	12	--	4	--	--	--
Merchant Wholesalers, Durable Goods.....	423	11	6	--	--	--	--	--
Machinery, Equipment, and Supplies Merchant wholesalers.....	4238	3	--	--	--	--	--	--
Merchant Wholesalers, Nondurable Goods.....	424	7	5	--	--	--	--	--
<b>Retail Trade.....</b>	44-45	29	10	14	--	--	--	--
Motor Vehicle and Parts Dealers.....	441	8	4	--	--	--	--	--
Automobile Dealers.....	4411	3	3	--	--	--	--	--
New Car Dealers.....	44111	3	3	--	--	--	--	--
Automotive Parts, Accessories, and Tire Stores.....	4413	5	--	--	--	--	--	--
Tire Dealers.....	44132	4	--	--	--	--	--	--
Food and Beverage Stores.....	445	7	--	7	--	--	--	--
Grocery Stores.....	4451	7	--	7	--	--	--	--
Convenience Stores.....	44512	6	--	6	--	--	--	--
Gasoline Stations.....	447	3	--	3	--	--	--	--
Gasoline Stations.....	4471	3	--	3	--	--	--	--
Gasoline Stations with Convenience Stores.....	44711	3	--	3	--	--	--	--
Nonstore Retailers.....	454	3	--	--	--	--	--	--
Direct Selling Establishments.....	4543	3	--	--	--	--	--	--
<b>Transportation and Warehousing.....</b>	48-49	62	47	--	7	5	--	--
Air Transportation.....	481	4	4	--	--	--	--	--
Nonscheduled Air Transportation.....	4812	4	4	--	--	--	--	--
Nonscheduled Air Transportation.....	48121	4	4	--	--	--	--	--
Truck Transportation.....	484	44	35	--	4	3	--	--
General Freight Trucking.....	4841	30	25	--	--	--	--	--
General Freight Trucking, Long-Distance.....	48412	30	25	--	--	--	--	--
General Freight Trucking, Long-Distance, Truckload.....	484121	30	25	--	--	--	--	--

See footnotes at end of table.

TABLE 3. Fatal occupational injuries by industry and event or exposure, Texas, 2004 - continued

Industry <sup>1</sup>	NAICS code <sup>1</sup>	Total fatalities (number)	Event or exposure <sup>2</sup>					
			Transportation incidents <sup>3</sup>	Assaults and violent acts <sup>4</sup>	Contact with objects and equipment	Falls	Exposure to harmful substances or environments	Fires and explosions
Specialized Freight Trucking.....	4842	14	10	--	3	--	--	--
Specialized Freight (except Used Goods) Trucking, Local.....	48422	7	3	--	3	--	--	--
Specialized Freight (except Used Goods) Trucking, Long-Distance.....	48423	4	4	--	--	--	--	--
Transit and Ground Passenger Transportation.....	485	4	3	--	--	--	--	--
Taxi and Limousine Service.....	4853	3	--	--	--	--	--	--
Taxi Service.....	48531	3	--	--	--	--	--	--
Support Activities for Transportation.....	488	5	--	--	--	--	--	--
<b>Utilities.....</b>	<b>22</b>	<b>3</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Utilities.....	221	3	--	--	--	--	--	--
<b>Information.....</b>	<b>5</b>	<b>5</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Information.....	51	5	--	--	--	--	--	--
<b>Financial Activities.....</b>	<b>12</b>	<b>3</b>	<b>6</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Finance and Insurance.....	52	6	--	5	--	--	--	--
Credit Intermediation and Related Activities.....	522	5	--	4	--	--	--	--
Activities Related to Credit Intermediation.....	5223	3	--	3	--	--	--	--
Other Activities Related to Credit Intermediation.....	52239	3	--	3	--	--	--	--
<b>Real Estate and Rental and Leasing.....</b>	<b>53</b>	<b>6</b>	<b>3</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Real Estate.....	531	3	--	--	--	--	--	--
Lessors of Real Estate.....	5311	3	--	--	--	--	--	--
Rental and Leasing Services.....	532	3	3	--	--	--	--	--
<b>Professional and Business Services.....</b>	<b>54</b>	<b>7</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Professional, Scientific, and Technical Services.....	541	7	--	--	--	--	--	--
Architectural, Engineering, and Related Services.....	5413	4	--	--	--	--	--	--
<b>Administrative and Support and Waste Management and Remediation Services.....</b>	<b>56</b>	<b>27</b>	<b>11</b>	<b>3</b>	<b>4</b>	<b>4</b>	<b>5</b>	<b>--</b>
Administrative and Support Services.....	561	20	7	3	4	4	--	--
Investigation and Security Services.....	5616	4	--	--	--	--	--	--
Investigation, Guard, and Armored Car Services.....	56161	4	--	--	--	--	--	--
Security Guards and Patrol Services.....	561612	4	--	--	--	--	--	--
Services to Buildings and Dwellings.....	5617	15	5	--	3	4	--	--
Landscaping Services.....	56173	12	5	--	3	3	--	--
Waste Management and Remediation Services.....	562	7	4	--	--	--	3	--
Waste Collection.....	5621	3	--	--	--	--	--	--
Waste Collection.....	56211	3	--	--	--	--	--	--
Solid Waste Collection.....	562111	3	--	--	--	--	--	--
<b>Education and Health Services.....</b>	<b>61</b>	<b>4</b>	<b>3</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Educational Services.....	611	4	3	--	--	--	--	--
Technical and Trade Schools.....	6115	3	--	--	--	--	--	--
Technical and Trade Schools.....	61151	3	--	--	--	--	--	--
<b>Health Care and Social Assistance.....</b>	<b>62</b>	<b>3</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Leisure and Hospitality.....	72	7	--	4	--	--	--	--
Accommodation and Food Services.....	722	5	--	4	--	--	--	--
Food Services and Drinking Places.....	7224	3	--	3	--	--	--	--
Drinking Places (Alcoholic Beverages).....	72241	3	--	3	--	--	--	--
<b>Other Services.....</b>	<b>81</b>	<b>13</b>	<b>--</b>	<b>8</b>	<b>3</b>	<b>--</b>	<b>--</b>	<b>--</b>
Other Services, except Public Administration.....	811	6	--	3	3	--	--	--
Repair and Maintenance.....	8111	5	--	3	--	--	--	--
Automotive Repair and Maintenance.....	81111	3	--	--	--	--	--	--
Automotive Mechanical and Electrical Repair and Maintenance.....	811111	3	--	--	--	--	--	--
General Automotive Repair.....	8111111	3	--	--	--	--	--	--
Personal and Laundry Services.....	812	4	--	4	--	--	--	--
Personal Care Services.....	8121	3	--	3	--	--	--	--
Religious, Grantmaking, Civic, Professional, and Similar Organizations.....	813	3	--	--	--	--	--	--
<b>Government<sup>5</sup>.....</b>	<b>92</b>	<b>18</b>	<b>10</b>	<b>6</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Federal Government.....	921	11	10	--	--	--	--	--
Service providing.....	9211	10	9	--	--	--	--	--
Public Administration.....	92111	10	9	--	--	--	--	--
Public Administration.....	921111	10	9	--	--	--	--	--
National Security and International Affairs.....	928	8	7	--	--	--	--	--
National Security and International Affairs.....	9281	8	7	--	--	--	--	--
National Security.....	92811	8	7	--	--	--	--	--
<b>State Government.....</b>	<b>922</b>	<b>3</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Service providing.....	9221	3	--	--	--	--	--	--
Local Government.....	92211	29	19	6	--	--	--	--
Service providing.....	922111	28	19	6	--	--	--	--
Education and Health Services.....	9221111	6	6	--	--	--	--	--
Public Administration.....	92211111	18	10	6	--	--	--	--
Public Administration.....	922111111	18	10	6	--	--	--	--
Justice, Public Order, and Safety Activities.....	922	18	10	6	--	--	--	--
Justice, Public Order, and Safety Activities.....	9221	18	10	6	--	--	--	--
Police Protection.....	92212	14	10	4	--	--	--	--

<sup>1</sup> Classified according to the North American Industry Classification System, 2002.<sup>2</sup> Based on the 1992 BLS Occupational Injury and Illness Classification Manual.<sup>3</sup> Includes highway, nonhighway, air, water, rail fatalities, and fatalities resulting from being struck by a vehicle.<sup>4</sup> Includes violence by persons, self-inflicted injury, and attacks by animals.<sup>5</sup> Includes fatalities at all establishments categorized as Mining (Sector 21) in the North American Industry Classification System, 2002, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.<sup>6</sup> Includes fatalities to workers employed by governmental organizations regardless of industry.

NOTE: Totals for major categories may include subcategories not shown separately. Dashes indicate no data reported or data that do not meet publication criteria. Data for 2004 are preliminary.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with State and Federal agencies, Census of Fatal Occupational Injuries.

**Table 4. Fatal occupational injuries by occupation and event or exposure, Texas, 2004**

Occupation <sup>1</sup>	Total fatalities (number)	Event or exposure <sup>2</sup>					
		Transportation incidents <sup>3</sup>	Assaults and violent acts <sup>4</sup>	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions
Total.....	440	194	54	77	61	35	18
Management occupations.....	23	4	9	--	3	3	--
Operations specialties managers.....	5	--	4	--	--	--	--
Financial managers.....	5	--	4	--	--	--	--
Financial managers.....	5	--	4	--	--	--	--
Other management occupations.....	16	3	5	--	--	--	--
Agricultural managers.....	7	--	--	--	--	--	--
Farmers and ranchers.....	5	--	--	--	--	--	--
Construction managers.....	3	--	--	--	--	--	--
Construction managers.....	3	--	--	--	--	--	--
Miscellaneous managers.....	3	--	--	--	--	--	--
Managers, all other.....	3	--	--	--	--	--	--
Architecture and engineering occupations.....	8	--	--	--	--	3	--
Engineers.....	4	--	--	--	--	--	--
Drafters, engineering, and mapping technicians.....	3	--	--	--	--	--	--
Life, physical, and social science occupations.....	3	3	--	--	--	--	--
Community and social services occupations.....	4	3	--	--	--	--	--
Education, training, and library occupations.....	5	--	--	--	--	--	--
Arts, design, entertainment, sports, and media occupations.....	3	--	--	--	--	--	--
Healthcare practitioners and technical occupations.....	3	--	--	--	--	--	--
Protective service occupations.....	27	14	10	--	--	--	--
Law enforcement workers.....	18	13	4	--	--	--	--
Police officers.....	17	13	4	--	--	--	--
Police and sheriff's patrol officers.....	17	13	4	--	--	--	--
Other protective service workers.....	7	--	5	--	--	--	--
Security guards and gaming surveillance officers.....	6	--	4	--	--	--	--
Security guards.....	6	--	4	--	--	--	--
Food preparation and serving related occupations.....	3	--	3	--	--	--	--
Building and grounds cleaning and maintenance occupations.....	17	5	3	3	4	--	--
Building cleaning and pest control workers.....	4	--	--	--	--	--	--
Building cleaning workers.....	3	--	--	--	--	--	--
Grounds maintenance workers.....	13	5	--	3	3	--	--
Grounds maintenance workers.....	13	5	--	3	3	--	--
Landscaping and groundskeeping workers.....	7	3	--	--	--	--	--
Tree trimmers and pruners.....	6	--	--	--	--	--	--
Personal care and service occupations.....	6	3	3	--	--	--	--
Sales and related occupations.....	24	9	13	--	--	--	--
Supervisors, sales workers.....	9	--	8	--	--	--	--
First-line supervisors/managers, sales workers.....	9	--	8	--	--	--	--
First-line supervisors/managers of retail sales workers.....	7	--	7	--	--	--	--
Retail sales workers.....	6	--	4	--	--	--	--
Cashiers.....	4	--	4	--	--	--	--
Cashiers.....	4	--	4	--	--	--	--
Sales representatives, services.....	3	3	--	--	--	--	--
Sales representatives, wholesale and manufacturing.....	4	--	--	--	--	--	--
Sales representatives, wholesale and manufacturing.....	4	--	--	--	--	--	--
Office and administrative support occupations.....	3	--	--	--	--	--	--
Farming, fishing, and forestry occupations.....	10	6	--	3	--	--	--
Agricultural workers.....	6	4	--	--	--	--	--
Miscellaneous agricultural workers.....	6	4	--	--	--	--	--
Farmworkers and laborers, crop, nursery, and greenhouse.....	4	3	--	--	--	--	--
Construction and extraction occupations.....	122	37	--	34	33	14	--
Supervisors, construction and extraction workers.....	11	4	--	4	--	--	--
First-line supervisors/managers of construction trades and extraction workers.....	11	4	--	4	--	--	--
First-line supervisors/managers of construction trades and extraction workers.....	11	4	--	4	--	--	--
Construction trades workers.....	85	24	--	22	28	9	--
Carpenters.....	4	--	--	--	--	--	--
Carpenters.....	4	--	--	--	--	--	--
Construction laborers.....	40	14	--	14	7	5	--
Construction laborers.....	40	14	--	14	7	5	--
Drywall installers, ceiling tile installers, and tapers.....	3	--	--	--	3	--	--
Drywall and ceiling tile installers.....	3	--	--	--	3	--	--
Electricians.....	7	--	--	--	3	3	--
Electricians.....	7	--	--	--	3	3	--
Painters and paperhangers.....	8	--	--	3	4	--	--
Painters, construction and maintenance.....	8	--	--	3	4	--	--
Pipelayers, plumbers, pipefitters, and steamfitters.....	5	--	--	--	--	--	--
Plumbers, pipefitters, and steamfitters.....	4	--	--	--	--	--	--
Roofers.....	11	5	--	--	5	--	--
Roofers.....	11	5	--	--	5	--	--
Structural iron and steel workers.....	3	--	--	--	--	--	--
Structural iron and steel workers.....	3	--	--	--	--	--	--
Helpers, construction trades.....	4	--	--	--	--	--	--
Helpers, construction trades.....	4	--	--	--	--	--	--
Helpers--electricians.....	4	--	--	--	--	--	--
Extraction workers.....	20	7	--	8	--	--	--
Derrick, rotary drill, and service unit operators, oil, gas, and mining.....	5	--	--	3	--	--	--
Rotary drill operators, oil and gas.....	3	--	--	--	--	--	--
Miscellaneous extraction workers.....	7	--	--	3	--	--	--
Extraction workers, all other.....	7	--	--	3	--	--	--

See footnotes at end of table.

**Table 4. Fatal occupational injuries by occupation and event or exposure, Texas, 2004 - Continued**

Occupation <sup>1</sup>	Total fatalities (number)	Event or exposure <sup>2</sup>					
		Transportation incidents <sup>3</sup>	Assaults and violent acts <sup>4</sup>	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions
Installation, maintenance, and repair occupations.....	25	5	3	8	4	--	4
Vehicle and mobile equipment mechanics, installers, and repairers.....	14	--	3	6	--	--	--
Automotive technicians and repairers.....	3	--	3	--	--	--	--
Bus and truck mechanics and diesel engine specialists.....	3	--	--	--	--	--	--
Bus and truck mechanics and diesel engine specialists.....	3	--	--	--	--	--	--
Heavy vehicle & mobile equipment service technicians & mechanics..	5	--	--	3	--	--	--
Mobile heavy equipment mechanics, except engines.....	4	--	--	--	--	--	--
Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers.....	3	--	--	--	--	--	--
Tire repairers and changers.....	3	--	--	--	--	--	--
Other installation, maintenance, and repair occupations.....	9	3	--	--	3	--	--
Industrial machinery installation, repair, and maintenance workers.....	5	--	--	--	--	--	--
Industrial machinery mechanics.....	3	--	--	--	--	--	--
Production occupations.....	24	3	--	7	3	3	6
Assemblers and fabricators.....	4	--	--	--	--	--	--
Miscellaneous assemblers and fabricators.....	4	--	--	--	--	--	--
Assemblers and fabricators, all other.....	4	--	--	--	--	--	--
Metal workers and plastic workers.....	8	--	--	4	--	--	--
Welding, soldering, and brazing workers.....	7	--	--	4	--	--	--
Welders, cutters, solderers, and brazers.....	5	--	--	--	--	--	--
Plant and system operators.....	3	--	--	--	--	--	--
Other production occupations.....	7	--	--	--	--	--	--
Miscellaneous production workers.....	7	--	--	--	--	--	--
Transportation and material moving occupations.....	121	83	4	18	9	5	--
Air transportation workers.....	9	9	--	--	--	--	--
Aircraft pilots and flight engineers.....	9	9	--	--	--	--	--
Commercial pilots.....	9	9	--	--	--	--	--
Motor vehicle operators.....	72	57	--	6	4	--	--
Driver/sales workers and truck drivers.....	66	53	--	6	4	--	--
Truck drivers, heavy and tractor-trailer.....	60	47	--	6	4	--	--
Truck drivers, light or delivery services.....	5	5	--	--	--	--	--
Taxi drivers and chauffeurs.....	4	--	--	--	--	--	--
Taxi drivers and chauffeurs.....	4	--	--	--	--	--	--
Rail transportation workers.....	3	3	--	--	--	--	--
Material moving workers.....	34	13	--	11	5	4	--
Industrial truck and tractor operators.....	5	3	--	--	--	--	--
Industrial truck and tractor operators.....	5	3	--	--	--	--	--
Laborers and material movers, hand.....	22	9	--	6	4	--	--
Laborers and freight, stock, and material movers, hand.....	20	8	--	5	4	--	--
Military specific occupations.....	7	7	--	--	--	--	--

<sup>1</sup> Based on the 2000 Standard Occupational Classification System.

<sup>2</sup> Based on the 1992 BLS Occupational Injury and Illness Classification Manual.

<sup>3</sup> Includes highway, nonhighway, air, water, rail fatalities, and fatalities resulting from being struck by a vehicle.

<sup>4</sup> Includes violence by persons, self-inflicted injury, and attacks by animals.

NOTE: Totals for major categories may include subcategories not shown separately. Dashes indicate no data reported or data that do not meet publication criteria. Data for 2004 are preliminary.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with State and Federal agencies, Census of Fatal Occupational Injuries